

Atty. Docket No.: IPHD.P007

Serial No. 09/677,954

IN THE CLAIMS:

Please amend the claims as indicated below.

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1 Claims 1-47 (Cancelled)

1 48. (Currently amended) A method for real time mobile commerce

2 transactions comprising:

3 receiving a selected transaction request transmitted from a mobile device to a
4 central server, wherein the selected transaction request comprises an information search
5 request, an information acquisition request, an information comparison request, a price
6 request, a price comparison request, a transaction instruction request, and a transaction
7 execution request, and wherein transmitting the selected transaction request comprises,
8 transmitting using a keyboard, transmitting using audible speech, and transmitting visual
9 data, comprising data in a touch screen enabled display panel format;

10 receiving in the mobile device information from a coupled wireless bar code
11 reader, wherein the information comprises at least one of product identification
12 information, product feature information, and price information, and wherein the wireless
13 bar code reader reads the information from a bar code chosen from a group comprising a
14 bar code on an item in proximity to the wireless bar code reader and a bar code referring
15 to an item not in proximity to the wireless bar code reader, wherein the coupled wireless
16 bar code reader is one of integrated in the mobile device, and collocated with the mobile
17 device;

18 querying at least one server regarding the selected transaction request in response
19 to receiving the selected transaction request;

20 receiving a response to the query from the at least one server;

21 processing the received response, including formatting the received response;

22 transmitting the processed response to the mobile device, such that the mobile
23 device receives the response in one of a plurality of formats comprising an audible data
24 format, and a visual data format including a touch screen enabled display panel format;
25 and

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26 executing a transaction in response to a received transaction execution request,
27 including communicating with the at least one server using data received from the mobile
28 device, and further comprising automatic payment using the wireless bar code reader
29 device information, automatically entering an item in an inventory database as sold,
30 enabling the item to be removed from a store.

1 49. (New) The method of claim 48 wherein the wireless bar code reader
2 device comprises at least one of an optical bar code reader and a radio frequency (RF) bar
3 code reader.

1 50. (New) A method for real time mobile commerce transactions comprising:
2 receiving a selected transaction request transmitted from a mobile device to a
3 central server, wherein the selected transaction request comprises an information search
4 request, an information acquisition request, an information comparison request, a price
5 request, a price comparison request, a transaction instruction request, and a transaction
6 execution request, and wherein transmitting the selected transaction request comprises,
7 transmitting using a keyboard, transmitting using audible speech, and transmitting visual
8 data, comprising data in a touch screen enabled display panel format;
9 receiving in the mobile device information from a radio frequency identification
10 (RFID) tag, wherein the information received from the RFID tag comprises at least one
11 of product identification information, product feature information, price information,
12 product availability information, shipping information and payment information and
13 querying at least one server regarding the selected transaction request in response
14 to receiving the selected transaction request;
15 receiving a response to the query from the at least one server;
16 processing the received response, including formatting the received response;
17 transmitting the processed response to the mobile device, such that the mobile
18 device receives the response in one of a plurality of formats comprising an audible data
19 format, an alpha numeric data format and a visual data format including a touch screen
20 enabled display panel format; and

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21 executing a transaction in response to a received transaction execution request,
22 including communicating with the at least one server using data received from the mobile
23 device, and further comprising automatic payment using the RFID tag information,
24 automatically entering an RFID tagged item in an inventory database as sold, enabling
25 the item to be removed from a store.

1 51. (New) A method for real time mobile commerce transactions comprising:
2 configuring a mobile device for computation, command, control and
3 communication of voice and data information;
4 the mobile device communicating with a server to transmit and receive data via at
5 least one network using at least one of wired and wireless communication methods using
6 at least one communication protocol on at least one channel of the mobile device,
7 wherein transmitting comprises, transmitting using a keyboard, transmitting using audible
8 speech, and transmitting visual data that comprises data in a touch screen enabled display
9 panel format; and wherein receiving comprises, receiving using audible speech, using
10 voice, using sound, and receiving using visual data that comprises data in a touch screen
11 enabled display panel format;
12 receiving transaction information from a plurality of merchant web sites and
13 associated merchant servers wherein the information comprises at least one of product
14 description, product features, product configuration, pricing, shipping, delivery,
15 inventory, payment terms and transaction terms, wherein receiving further comprises
16 receiving in the mobile device information from a coupled RFID tag reader, wherein the
17 information comprises at least one of product identification information, product feature
18 information, and price information, and wherein the RFID tag reader reads the
19 information from a RFID tag chosen from a group comprising an item in proximity to the
20 RFID tag reader and referring to an item not in proximity to the RFID tag reader, wherein
21 the coupled RFID tag reader is one of integrated in the mobile device, and collocated
22 with the mobile device;

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23 communicating a first transaction request from the mobile device to at least one
24 server related to a first item and archiving data related to the communication in at least
25 one of a lookup table and a database in the mobile device;
26 receiving at least one response to the first transaction request from the at least one
27 server related to the first item and archiving data related to the at least one response in at
28 least one of a lookup table and a database in the mobile device;
29 comparing the transaction request to the at least one server with the transaction
30 response from the at least one server in conjunction with user defined rules, and storing
31 resulting information in at least one of a lookup table and a database in the mobile device,
32 wherein the comparing is executed in one or more of the mobile device and a server
33 located on the at least one network;
34 comparing the information provided by the at least one server with information
35 provided by at least one others server for a selected user defined utility, wherein the
36 comparing is executed in one or more of the mobile device and a server located on the at
37 least one network;
38 evaluating and selecting a server of the at least one servers based on the
39 comparing for execution of a selected transaction related to a selected item, wherein the
40 selection is based on user defined criteria of the comparing for acquisition of a particular
41 item;
42 communicating a transaction request for the selected transaction to the selected
43 server from the mobile device; and
44 executing the selected transaction request with the mobile device in conjunction
45 with the selected server, wherein the execution includes at least one payment method
46 selected from a list comprising payment by credit card, payment by a check, payment by
47 debit card, payment via direct debit to a bank account, payment directly charged to an
48 account maintained by the user with the service provider, and payment by debiting an
49 amount from an account maintained by the user within the mobile device, executing
50 further comprising automatic payment using the RFID tag reader device information,
51 automatically entering an item in an inventory database as sold, enabling the item to be
52 removed from a store.

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1 52. (New) A method for real time mobile commerce transactions comprising:
2 configuring a mobile device for computation, command, control and
3 communication of voice and data information;
4 the mobile device communicating with a server to transmit and receive data via at
5 least one network using at least one of wired and wireless communication methods using
6 at least one communication protocol on at least one channel of the mobile device,
7 wherein transmitting comprises, transmitting using a keyboard, transmitting using audible
8 speech, and transmitting visual data that comprises data in a touch screen enabled display
9 panel format; and wherein receiving comprises, receiving using audible speech, using
10 voice, using sound, and receiving using visual data that comprises data in a touch screen
11 enabled display panel format;
12 receiving transaction information from a plurality of merchant web sites and
13 associated merchant servers wherein the information comprises at least one of product
14 description, product features, product configuration, pricing, shipping, delivery,
15 inventory, payment terms and transaction terms;
16 communicating a first transaction request from the mobile device to at least one
17 server related to a first item and archiving data related to the communication in at least
18 one of a lookup table and a database in the mobile device;
19 receiving at least one response to the first transaction request from the at least one
20 server related to the first item and archiving data related to the at least one response in at
21 least one of a lookup table and a database in the mobile device;
22 comparing the transaction request to the at least one server with the transaction
23 response from the at least one server in conjunction with user defined rules, and storing
24 resulting information in at least one of a lookup table and a database in the mobile device,
25 wherein the comparing is executed in one or more of the mobile device and a server
26 located on the at least one network;
27 comparing the information provided by the at least one server with information
28 provided by at least one others server for a selected user defined utility, wherein the
29 comparing is executed in one or more of the mobile device and a server located on the at
30 least one network;

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31 evaluating and selecting a server of the at least one servers based on the
32 comparing for execution of a selected transaction related to a selected item, wherein the
33 selection is based on user defined criteria of the comparing for acquisition of a particular
34 item;
35 communicating a transaction request for the selected transaction to the selected
36 server from the mobile device; and
37 executing the selected transaction request with the mobile device in conjunction
38 with the selected server, wherein the execution includes at least one payment method
39 selected from a list comprising payment by credit card, payment by a check, payment by
40 debit card, payment via direct debit to a bank account, payment directly charged to an
41 account maintained by the user with the service provider, and payment by debiting an
42 amount from an account maintained by the user within the mobile device.